THE ROYAL SOCIETY.—The first meeting of the Royal Society, held on Thursday night last, was one of stirring interest, comprising the black-balling of *three* candidates in succession; a remarkable paper by Mr. Farraday on the connection between light and galvanism, and an announcement by Lord Northampton that in future discussions on papers read would be encouraged.

NOTICES OF CONTRACTS.

[We are compelled by the interference of the Stamp Office to omit the names of the parties to whom tenders, &c., are to be addressed. For the convenience of our readers, however, they are entered in a book, and may be seen on application at the office of "The Builder," 2, York-street, Covent-garden.]

For the supply of 200 Coal Waggons to the Sheffield and Manchester Railway Company.

For the excavation of about 120,000 cubic yards of land at Edge Hill, for the Grand Junction Railway Company.

For the erection of a first-rate House at Islington.

For paving with wood the Carriage ways of a newly-formed street in Southwark.

For the supply of ten tons weight of cast-iron lamp-posts to the trustees for lighting the parish of Hackney.

For supplying the Richmond Railway Company with about 35,000 oak keys.

For repairing and keeping in repair the Harnham, Blandford, and Dorchester Turnpike-roads.

COMPETITION.

Designs for a Gothic Church, to be erected at Llandilo, are required. 50*l.* will be awarded for the one selected, and 20*l.* for the next best.

APPROACHING SALES OF WOOD, &c.

BY AUCTION.

At the Half-Moon Inn, Taunton, 283 prime maiden Elm trees, 35 maiden Oaks, 38 maiden Ash, 84 pollard Elms, and 21 pollard Ash trees, now growing.

At Hartshill, near Atherstone, Warwickshire: 345 Elms, 41 Ash, and 26 Oak trees, of large dimensions, now standing.

In Mortimer-street, Cavendish-square: 60,000 feet of dry panel boards, several hundred squares of prepared floor boards, Spanish and Honduras mahogany, 6,000 pine planks and deals, 600 white and spruce deals, &c.

TO CORRESPONDENTS.

"A Subscriber."—*Hutton's is the only course of mathematics that has obtained a standing in this country, and some of the later editions, such as those of Romsay and Rutherford, contain as much of the modern analysis as is necessary for every purpose. We would prefer Woolwich to Sandhurst on account of the eminence of its professors, and the excellence of its regulations. Sandhurst, nevertheless, is a very respectable establishment.*

"A Young Architect" *asks to be told the best materials for building and roofing a church. The locality must be considered. Kentish rag-stone is much used for walls, and is a good material. Good encaustic tiles may be obtained at the Worcester porcelain warehouse (New Bond-street), or Copeland and Garrett's, Lincoln's-inn-fields.*

"T. P." (Manchester).—*We consider* 120 = 12 *feet deals, a standard hundred.*

"C. N."—*If the house be not completed by the 1st of January, it will rest with the official referees to say, on application, what alterations must be made in it.*

"J. F. I."—*We are unable to point out a good book on "Lines": such a work is a desideratum. We will print a letter next week from one who has given much attention to the subject.*

"Polished Slate Chimneys.—*Our correspondent is informed he may see such at Bow Bridge Slate Works, Stratford.*

"R. G."—*Knowing the material, we will take an opportunity to mention it.*

"A Young Beginner."—*The best way to learn drawing is, to get a good master.*

"G. C."—*Apply to Weale, 59, Holborn.*

"J. L."—*At Bell's, Fleet Street.*

"L. O." — *We might mislead by giving an opinion without fuller information. We advise "L. O." to let a surveyor see the premises and give his opinion.*

Received; "A. Z.;" "W. T. T.;" "F. B.;" "Mr. Finney;" "A Mason;" "W. S. W.;" "A Surveyor;" "Church Admirer;" "First steps to Anatomy," by James L. Drummond, M.D. (John Van Voorst, Paternoster Row); "The Archæological Album, a museum of National Antiquities," edited by T. Wright, M.A., illustrated by F. W. Fairholt, F.S.A. (Chapman and Hall.)

ADVERTISEMENTS.

ROYAL POLYTECHNIC INSTITUTION.—A Lecture on the prevalent disease in Potatoes, and the means of extracting the starch as an article of food, will be delivered by Dr. Ryan, daily, at half-past Three, and on the Evenings of Mondays, Wednesdays, and Fridays, at Nine. Professor Bachhoffner's varied Lectures, with Experiments, in one of which he clearly explains the principle of the Atmospheric Railway, a Model of which is at work daily. Mr. Downe, the celebrated Flutist, accompanied by Dr. Wallis on the Pianoforte, will perform a Duet Concertante, and afterwards a favourite Fantasia, at Four o'clock, on Tuesdays, Thursdays, and Saturdays. Coleman's new American Locomotive Engine, for ascending and descending Inclined Planes. A magnificent collection of Models of tropical fruits. A new and very beautiful series of Dissolving Views. New Optical Instruments, &c. Experiments with the Diver and Diving Bell, &c. &c.—Admission, One Shilling. Schools, Half-price.

NOTICE. — INVENTORS desirous of obtaining LOANS ON or of SELLING their INVENTIONS, or Patents, should apply to Mr. M. JOSCELIN COOKE, at the OFFICE for PATENTS, Warwick chambers, Warwick-court, Gray's-inn, London, where English and Foreign Patents are obtained, and Designs registered. An INDEX is kept for inspection of all Patents granted for the last century; also copies of every Patent of importance. Instructions to Inventors and a list of charges gratis on application.

IMPORTANT TO SURVEYORS, BUILDERS, &c.

GALVANIZED TINNED IRON and ZINC MANUFACTORY, 17, Exmouth-street, Clerkenwell.

J. DORE begs respectfully to inform Builders and Surveyors, that on account of the Increasing Demand for Galvanized Tinned Iron, he has made such arrangements as will enable him to manufacture every article usually made in Zinc, at the same Prices; also begs to recommend this metal corrugated for Roofing as the most Economical, as it can be laid without Boards upon Slight Rafters.

Every Article in Zinc as usual, at the lowest possible prices.

MOREWOOD AND ROGERS' PATENT GALVANIZED TINNED IRON.

T. W. BEALE begs to acquaint the public that he is prepared to lay roofing, plain or corrugated, fix pipes, gutters, &c. Also chimney-tops and ventilating cowls of every description; also water and oil cisterns, of this incorrodible and fireproof metal. He manufactures all kinds of baths, as hip, shower, Roman, open, slipper, sponging, foot, children's, and self-heating baths; also toilet-cans and pails, slop-pails, coal-scuttles, cash and deed-boxes, and fire-proof safes of every description, 10 per cent. cheaper than any house in London.

The PATENT GALVANIZED TINNED IRON is applicable to the following uses:—The Lining of Ships' Store Rooms, Ships' Water Buckets, Water Jugs and Receivers, and for almost every purpose to which zinc, tin, copper, brass, or any other metal is now applied; is more durable, and manufactured at much less expense. An experienced workman sent to any part of the kingdom. All orders punctually attended to. For particulars, apply to T. W. BEALE, 46, Bridge House-place, Newington Causeway.

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(MOREWOOD AND ROGERS' PROCESS.)

ARCHITECTS, SURVEYORS, BUILDERS, and CONTRACTORS are respectfully informed they can be supplied with this invaluable metal for building purposes, of the best quality and lowest terms. It is superior in every respect to zinc, and two-thirds less price than 7lb sheet lead for roofing, no woodwork being required, but iron rafters only, 21 inches apart, rendering the whole roof fire-proof. This mode of covering roofs is cheaper than Lead, Zinc, Tiles, or Slates. Parapet and other Gutters formed and fixed, also rain-water pipe heads, eave gutter, baths, stove and funnel pipe, cisterns and water-closets fixed. The sheets are 6 feet long by 2 ft., 2 ft. 6 in. and 3 feet wide, and 90z. to any required weight per foot, and can be had either plain or corrugated.

Please apply to CHARLES GELL, Junior, No. 5, Quick-set-row, New-road, St. Pancras, where references and testimonials of the highest respectability of extensive works already done can be had.

TO THE BUILDING PUBLIC.

SASHES AND FRAMES, DOORS, &c.

Manufactured for the Trade
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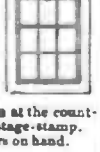
Best Materials.—Lowest Prices.
Terms: Cash.



Full lists of prices may be had on application at the counting-house; if by letter, pre-paid, inclosing postage-stamp.
A large stock of well-seasoned Doors always on hand.

WINDOW BLINDS,
ORNAMENTAL WIRE-WORK, FLOWER-POT STANDS, &c.

To Architects, Builders, Contractors, Upholders, and others.

M. H. BUSBY, NEW VENETIAN HOUSE, 7 and 8, Anderson's Buildings, City Road, London.

Manufacturer of every Description of Window Blinds on the most approved principles, namely, the Spanish, Oriental, Florentine, Louvre, and Venetian Sun Shades, for the exterior; and Venetian Dwarf, Metallic Gauze, Perforated Zinc Blinds, Transparent, Landscape, and Holland Blinds on Springs, Patent and Common Rollers for the Interior; Blinds for Shop Fronts, Plain and Ornamental, on the most Improved plans. Old Blinds Altered, Renovated, and Refixed. A variety of Flower-pot Stands always Ready. Rustic, Portable, and other Garden Seats and Stools; Wire-work for every purpose useful and ornamental.

VENETIAN BLINDS FOR EXPORTATION.

BRITISH and FOREIGN SHEET GLASS, for Horticultural purposes, Sky-lights, &c. may be had at JAMES BROMLEY'S 315, Oxford-street, London, at the reduced prices, also Microscopial Glass, French Shades, Plate and Crown Window Glass. J. B. will be happy to furnish Lists of Prices, or any other particulars that may be required.

DUTY OFF ORNAMENTAL WINDOW GLASS.

CHARLES LONG begs to inform his Friends and the Public, that he can now supply Ornamental Glass from 1s. 3d. per foot superficial; and borders from 9d. per foot, run; and having just built two of the largest kilns in London, is enabled to execute extensive Orders with unprecedented dispatch, 1, King-street, Portman-square.—Terms, Cash only.

TO THE PLATE-GLASS TRADE.

THE BIRMINGHAM PLATE and CROWN-GLASS COMPANY beg to call the attention of the Trade, that their LONDON WAREHOUSE, 141, Fleet-street, is now open for the sale of their Crystal Plate-Glass, which for Brilliancy and Colour will be found to stand unrivalled by any other manufactory.—All orders, addressed to S. MOSS, London warehouse, or to the works, Smethwick, near Birmingham, will be promptly attended to.

BUILDERS, PAINTERS, GLAZIERS, and others supplied with every article used in the trade upon the best wholesale terms.—Address to R. COGAN, WINDOW GLASS, LEAD, and COLOUR WAREHOUSE, 5 Princes-street, Leicester-square, London, for complete lists priced, of dry and good Colours, Brushes, Pumps, Closets, Plumber's Brass Work, and all materials.

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CLOCK MAKERS, ALABASTER FIGURE MAKERS, ARCHITECTS, MODELLERS, and others, supplied with FRENCH ORNAMENT SHADES,

for covering Models of Public Buildings, Geological Curiosities, &c., &c., of all sizes and shapes. List of Prices may be had on application. Bee Glasses, Striking Glasses for Nurserymen, Fish Globes and Confectioners' Glasses, &c., of every size and description.

SASH, SHOP-FRONT, AND HOTHOUSE MANUFACTURER.—ESTABLISHED UPWARDS OF 70 YEARS.
87, Bishopsgate-street Without.

THOS. MILLINGTON begs to inform his Friends, that he still continues to manufacture the above in the same manner, and using only the best materials, that have given so much satisfaction for many years past. Every article will be made in the best manner, and the very lowest price charged. Lists may be had upon application. Drawings prepared.

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VARNISH.

THOS. MILLINGTON begs to inform the Trade, Builders, Painters, and others, that this article can be had at his Manufactory, of the best quality and at the very lowest price. T. M. has long been a manufacturer, and has devoted much time and attention to it, using only the best of gums, and sparing no expense in the manufacture. Fine Pale Oak or Wainscot Varnish, per imperial gallon, 10s.; Fine Carriage Varnish, 12s.; Copal, 18s.; Body Copal, 24s.; Gold Size, 10s; White Hard, 18s.; Brown Hard, 18s.; French Polish, 18s. per gallon. Paint, Dryers, Colours, ready and ground, and every article in the trade. If quality is taken into consideration, this will be found the cheapest house in London. Address, 87, Bishopsgate-street Without.

WALLIS'S PATENT LIQUID WOOD KNOTTING. — This newly-discovered Liquid Composition which Messrs. Geo. and Thos. Wallis have the satisfaction of introducing to the trade, possesses the important qualification of effectually stopping Knots in Wood, however bad, and preventing them eating through and disfiguring the paint above.

Many substances have been used and much time spent in endeavouring to find a cure for a bad Knot, but hitherto without success. Messrs. Wallis therefore feel much pleasure in offering to the public an article so long and anxiously called for.

In the application, skill is not required; a boy can use it as well and effectually as the best workmen: it is put on to the work with a brush like common paint, can be used in all climates and situations, and does not require heat.

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